

Stated Meeting, June 21st, 1878.

Present, 16 members.

Vice-President, MR. PRICE, in the chair.

Dr. Pierce, a newly elected member was introduced and took his seat.

The resignation of Mr. J. Imbrie Miller was received and accepted.

Photographs were received from Mr. I. Louthian Bell, dated Rounton Grange, Northallerton, England, May 17th, and of M. M. Chevalier, and Mr. Moncure Robinson, from the latter.

Letters of acknowledgment were received from R. I. Kindredine, Furman Sheppard, R. W. Raymond, H. S. Hagert, W. P. Tatham, W. A. Ingham, W. M. Roberts, W. B. McKean, F. Prime, Jr., C. W. Shields, R. Thayer, and Elihu Thomson (Diplomas). Also from the Nassau Association (90 to 99); Luxembourg Institute (96, 98, 99), and the Davenport Academy (81 to 100).

Letters of envoy were received from the Royal Academy, Stockholm, and Royal Academy, Lisbon.

A circular letter of invitation to the funeral of Isaiah Thomas, was received from the Mayor of Worcester, Mass. Chairman of a Committee of Invitation; the funeral to take place June 24th. A donation of \$500 to the American Philosophical Society is mentioned among the bequests in the will of the deceased. On motion the Secretaries were requested to respectfully reply.

Donations for the Library were received from the Academies and Societies at St. Petersburg, Moscow, Copenhagen, Berlin, Leipsic, Frankfort, Wiesbaden, Luxembourg, Lausanne, Rome, Lyons, Cherbourg, Dijon, Lille, Bruxelles, and Salem, Mass.; also from the Observatories at St. Petersburg, San Fernando, Oxford University, and Mexico; also from the Statistical Bureau at Stockholm; German Geological Society; Magazine of General Science, Berlin; Prof. Rütli-

meyer; the Geographical, Anthropological, Antiquarian and Medical Societies of Paris; Annales des Mines and Revue Politique; the Geographical, Physical and Linnean Societies at Bordeaux; the Royal Institution, Zoological, Geographical and Astronomical Societies in London; Journal of Forestry and Nature; the Canadian Naturalist; Cambridge M. C. Z.; Boston N. H. S.; Appalachian Club; Massachusetts Board of Health; Silliman's Journal; Franklin Institute, Journal of Pharmacy, Medical News, Penn Monthly; Historical Society, Pa.; Geological Survey, Pa.; Judge Kelly; S. H. Scudder; U. S. Fish Commissioners; Wisconsin N. H. Association; Botanical Gazette; Min. de Fomento of Mexico; and the Cincinnati N. H. Society.

The Librarian displayed a set of 21 colored plaster casts, or imitations of original Archæological American specimens, in Prof. Guyot's Museum at Princeton College, N. J., made by Prof. Matile, and presented to the Cabinet of the American Philosophical Society, by Prof. Guyot, as a return for the permitted copy of many of the antiquities in the Cabinet, for the use of the Museum at Princeton. On motion it was resolved that the thanks of the Society be tendered to Prof. Guyot and Prof. Matile for this beautiful addition to the Society's collections.

The Librarian reported that Part III of the *Catalogue* was printed and ready for distribution; including Class VI, Sociology, Manufactures, Commerce, War and Law; making a volume of 300 pages, bringing the running folio up to page 942. On motion the distribution was ordered.

The decease of Mr. Wm. M. Gabb, at Philadelphia, May 30th, aged 39, was announced with appropriate remarks by Dr. Horn, who, on motion, was appointed to prepare an obituary notice of the deceased.

Prof. Chase communicated a paper, entitled "On rotation and radiation."

Dr. Weir Mitchell, communicated a paper, entitled "The effect of Irritation of a polarized nerve, Pflüger's Electri-

onus; by B. F. Lautenbach, M. D., Ph. D." (165 Mss. pp. of text and tables.) Referred to the Secretaries.

Mr. Blodgett exhibited and described a number of specimens of copper-silver ores from the mines of Huantajaya in Peru, on the borders of Bolivia, 8 miles back from the coast at Iquique, and 1° west of Potosi; 2560 feet above tide: collected by, or under the direction of Governor Prado of Peru, and sent to Philadelphia, in pursuance of a plan for closer commercial intercourse between Peru and the United States. Mr. Blodgett exhibited charts, showing the situation of the mines; and also the positions in the interior where newly discovered valuable deposits of guano were now exploited for commerce.

Prof. Halderman read a paper for the Transactions, on aboriginal relics of great age found in 30 inches of earth, in the small cave near his house, at the base of Chicques rock, on the east bank of the Susquehanna river, above Columbia, in Lancaster county, Pennsylvania; and exhibited a selection of them arranged classically on 14 cards, to be drawn and printed in illustration of his memoir. On motion it was referred to a committee consisting of Dr. Daniel G. Brinton, Prof. Jos. Leidy and Prof. Lesley.

Prof. Houston exhibited a microphone relay made by himself and Prof. E. Thomson of the Philadelphia High School, to be applied to Bell's articulating telephone.

Prof. Barker exhibited a suite of Mr. Edison's instruments invented and made by him during the last year or two, and showed that there was nothing original in any of the inventions of Mr. Hughes ("Prof. Hughes") of London.

Dr. Sadtler communicated a paper entitled "Contribution No. XIV, from the Laboratory of the University of Pennsylvania, A new monochlorodinitrophenol and an aniline derivative of the same. No. 2, On Beryllium borate," by Edgar F. Smith.

Pending nominations Nos. 857 to 869 and new nomination No. 870 were read.

And the meeting was adjourned.